IN THE CLAIMS:

Please AMEND claims 1, 14-15, 18-29, 22, 28-30 as follows:

1. (Amended) A germicidal lamp for harsh environments adapted to be mounted on a wall, the wall having an insertion opening, the germicidal lamp comprising:

a low pressure germicidal tube which when energized emits UVC without substantial ozone and can withstand skin-effect cooling, the tube including an envelope and a stem, and

a fixture comprising a cover, a base and a tube holder, wherein

the base has an upper surface and a lower surface,

the lower surface of the base seals against the wall to thereby prevent splashing water, hose-directed water, ice formations, wind, dirt, rain and environmental corrosion to pass there through,

the cover is at least partially detachable from the base so that the cover can be moved from a first position wherein the cover covers the upper surface to a second position wherein the cover is at least partially separated from the base to at least partially expose the upper surface of the base,

the cover and the upper surface of the base define an interior space within the fixture,

the cover seals tightly to the base to thereby prevent splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion from entering the interior space of the fixture,

the base includes an opening through which the envelope of the tube is passed for installation of the tube in the fixture and removal of the tube from the fixture,

installation of the tube causes a flange on the tube stem to sealingly engage the base which seals the opening in the base of the fixture from air flow into the fixture,

[a]the tube-holder, including an engaging surface adapted to engage and secure the stem of the tube,

after the envelope has been inserted through the opening in the base of the fixture,

the cover and the base include exterior surfaces which are resistant to splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion.

14. (Amended) The germicidal lamp for harsh environments adapted to be mounted on a wall of claim 1, wherein installation of the tube causes the a flange on tube stem to sealingly engage the base, forming a seal, the [plural] seal[s are]is adapted to be seated around the opening in the base to thereby prevent splashing water, hose-directed water, ice formations, wind, dirt, rain and environmental corrosion to pass there through.

15. (Amended) The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 1 wherein the lower surface of the base seals against a wall, creating a seal[s] between the fixture and the wall that can withstand air pressure of at least 15 inches of water gage.

18. The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 1, wherein installation of the tube causes a flange of the stem to sealingly engage the base and form a[the] seal[s] between the tube and the fixture that can withstand air pressure of at least 30 inches of water gage.

19. (Amended) The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 1, wherein the cover seals tightly to the base to form a[the] seal[s] between the cover and the base that can withstand air pressure of at least 20 inches of water gage.

22. (Amended) A germicidal lamp for harsh environments comprising:

a single-walled tube having a stemmed end with a flange, and a free end and comprising

an envelope disposed between the ends having a first cross-sectional shape,

a rigid stem secured to the envelope at the stemmed end, the stem including at least one electrode; and

a fixture comprising:

a base having an upper surface and a lower surface, the base including an opening through which the envelope of the tube is passed for installation of the tube in the fixture and removal of the tube from the fixture, but through which the stem will not fully pass, the flange on the stemmed end of the tube sealingly engaging the base when the tube is installed, the lower surface of the base sealing against a wall to thereby prevent splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion to pass there through, the base including an exterior surface which is resistant to splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion;

a socket disposed inside of the fixture and electrically coupled to at least one electrode;

a cover which is at least partially detachable from the base so that the cover can be moved from a first position wherein the cover covers the upper surface and the cover can be partially moved away from the base to at least partially expose the upper surface of the base, the cover sealing tightly to the base to thereby prevent splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion from entering the interior space of the fixture, the cover including an exterior surfaces which [is]are resistant to splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion;

a tube holder including an engaging surface adapted to engage and secure the stem of the tube.

28. (Amended) The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 22 wherein the lower surface of the base sealing against a wall forms a[the] seal[s] between the fixture and the wall that can withstand air of at least 15 inches of water gage.

29. (Amended) The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 22, wherein the flange on the stemmed end of the tube sealing engaging the base when the tube is installed forms a[the] seal[s] between the tube and the fixture that can withstand air pressure of at least 30 inches of water gage.

30. (Amended) The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 22, wherein the cover sealingly tight to the base forms a[the] seal[s] between the cover and the base that can withstand air pressure of at least 20 inches of water gage.

Clean Version of Amended Claims

1. A germicidal lamp for harsh environments adapted to be mounted on a wall, the wall having an insertion opening, the germicidal lamp comprising:

a low pressure germicidal tube which when energized emits UVC without substantial ozone and can withstand skin-effect cooling, the tube including an envelope and a stem, and

a fixture comprising a cover, a base and a tube holder, wherein

the base has an upper surface and a lower surface,

the lower surface of the base seals against the wall to thereby prevent splashing water, hose-directed water, ice formations, wind, dirt, rain and environmental corrosion to pass there through,

the cover is at least partially detachable from the base so that the cover can be moved from a first position wherein the cover covers the upper surface to a second position wherein the cover is at least partially separated from the base to at least partially expose the upper surface of the base,

the cover and the upper surface of the base define an interior space within the fixture,

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the cover seals tightly to the base to thereby prevent splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion from entering the interior space of the fixture,

the base includes an opening through which the envelope of the tube is passed for installation of the tube in the fixture and removal of the tube from the fixture,

installation of the tube causes a flange on the tube stem to sealingly engage the base which seals the opening in the base of the fixture from air flow into the fixture,

the tube-holder, including an engaging surface adapted to engage and secure the stem of the tube,

after the envelope has been inserted through the opening in the base of the fixture,

the cover and the base include exterior surfaces which are resistant to splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion.

14. The germicidal lamp for harsh environments adapted to be mounted on a wall of claim 1, wherein installation of the tube causes the a flange on tube stem to sealingly engage the base, forming a seal, the seal is adapted to be seated around the opening in the base to thereby prevent splashing water, hose-directed water, ice formations, wind, dirt, rain and environmental corrosion to pass there through.

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15. The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 1 wherein the lower surface of the base seals against a wall, creating a seal between the fixture and the wall that can withstand air pressure of at least 15 inches of water gage.

18. The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 1, wherein installation of the tube causes a flange of the stem to sealingly engage the base and form a seal between the tube and the fixture that can withstand air pressure of at least 30 inches of water gage.

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19. The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 1, wherein the cover seals tightly to the base to form a seal between the cover and the base that can withstand air pressure of at least 20 inches of water gage.

22. A germicidal lamp for harsh environments comprising:

a single-walled tube having a stemmed end with a flange, and a free end and comprising

an envelope disposed between the ends having a first cross-sectional shape,

a rigid stem secured to the envelope at the stemmed end, the stem including at least one electrode; and

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a fixture comprising:

a base having an upper surface and a lower surface, the base including an opening through which the envelope of the tube is passed for installation of the tube in the fixture and removal of the tube from the fixture, but through which the stem will not fully pass, the flange on the stemmed end of the tube sealingly engaging the base when the tube is installed, the lower surface of the base sealing against a wall to thereby prevent splashing water, hose-directed

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water, ice formations, wind, rain and environmental corrosion to pass there through, the base including an exterior surface which is resistant to splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion;

a socket disposed inside of the fixture and electrically coupled to at least one electrode;

a cover which is at least partially detachable from the base so that the cover can be moved from a first position wherein the cover covers the upper surface and the cover can be partially moved away from the base to at least partially expose the upper surface of the base, the cover sealing tightly to the base to thereby prevent splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion from entering the interior space of the fixture, the cover including an exterior surfaces which are resistant to splashing water, hose-directed water, ice formations, wind, rain and environmental corrosion;

a tube holder including an engaging surface adapted to engage and secure the stem of the tube.

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28. The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 22 wherein the lower surface of the base sealing against a wall forms a seal between the fixture and the wall that can withstand air of at least 15 inches of water gage.

29. The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 22, wherein the flange on the stemmed end of the tube sealing engaging the base when the tube is installed forms a seal between the tube and the fixture that can withstand air pressure of at least 30 inches of water gage.

30. The germicidal lamp for harsh environments adapted to be mounted to a wall of claim 22, wherein the cover sealingly tight to the base forms a seal between the cover and the base that can withstand air pressure of at least 20 inches of water gage.
